

ABSTRACT

A field emission display includes first and second substrates provided opposing one another with a predetermined gap therebetween; electron emission sources provided on one of the first and second substrates; an electron emission inducing assembly for inducing the emission of electrons from the electron emission sources; and an illuminating assembly provided on the substrate on which the electron emission sources are not formed, the illuminating assembly realizing images by the emission of electrons from the electron emission sources. The electron emission sources include a carbon nanotube layer and a base layer, the base layer connecting the carbon nanotube layer to the substrate and applying a voltage to the carbon nanotube layer required for the emission of electrons. Also, the carbon nanotube layer is provided on the base layer in a state substantially un-mixed with the base layer.